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DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

Attorney Docket No. _____

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled:

PHY SIGNAL CONTROL DEVICE AND METHOD FOR SELECTIVELY GENERATING A SPECIFIC

WARNING DATA

the specification of which is attached hereto unless the following box is checked:

- ☐ The specification was filed on _____
and was assigned Serial No. _____ (if known)
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows:

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and checked at right:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Month/Day/Year Filed)	(Country)	Yes	No
089125451	11/30/2000	Taiwan	v	

All foreign applications, if any, for any Patent or Inventor's Certificate filed more than 12 months prior to the filing date of this application:

Country	Application No.	Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §119(e) or §120, as applicable, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status: patented, pending, abandoned

I hereby appoint the following attorneys to prosecute this application and/or any international application and to transact all business in the Patent and Trademark Office connected therewith:

Daniel W. Sixbey, (Reg. No. 20,932)
 Charles M. Leedom, Jr. (Reg. No. 26,477)
 David S. Safran (Reg. No. 27,997)
 Donald R. Studebaker (Reg. No. 32,815)
 Tim L. Brackett (Reg. No. 36,092)
 Robert M. Schulman (Reg. No. 31,196)
 Daniel S. Song (Reg. No. 43,143)
 Carolyn Baumgardner (Reg. No. 41,345)
 James E. Howard (Reg. No. 39,715)

Stuart J. Friedman (Reg. No. 24,312)
 Gerald J. Ferguson, Jr. (Reg. No. 23,016)
 Thomas W. Cole (Reg. No. 28,290)
 Jeffrey L. Costellia (Reg. No. 35,483)
 Eric J. Robinson (Reg. No. 38,285)
 Marc S. Kaufman (Reg. No. 35,212)
 Corinne R. Gorski (Reg. No. 34,339)
 Jason H. Vick (Reg. No. 45,285)
 Paul D. Golian (Reg. No. 42,591)


Send Correspondence to:

Donald R. Studebaker, Esquire

NIXON PEABODY LLP
 8180 Greensboro Drive, Suite 800
 McLean, Virginia 22102
 Telephone: (703) 790-9110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorize any U.S. attorney or agent named herein to accept and follow instructions from _____ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys or agents named herein will be so notified by the undersigned.

FULL NAME OF SOLE OR FIRST INVENTOR Yen, Shu-Yi	INVENTOR'S SIGNATURE Yen Shu Yi 顏淑宜 	DATE 04/11/2001
RESIDENCE (City, State & Country) Hsinchu, Taiwan		CITIZENSHIP Taiwan
POST OFFICE ADDRESS (Complete Address including City, State & Country) c/o Winbond Electronics Corp., No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan 300		

FULL NAME OF SECOND JOINT INVENTOR (if any) Shen, Chan	INVENTOR'S SIGNATURE CHAN Shen 陳善	DATE 11/29/00
RESIDENCE (City, State & Country) Hsinchu, Taiwan	CITIZENSHIP Taiwan	
POST OFFICE ADDRESS (Complete Address including City, State & Country) c/o Winbond Electronics Corp., No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan 300		



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JULY 10, 2001

PTAS

NIXON PEABODY LLP
DONALD R. STUDEBAKER
8180 GREENSBORO DRIVE SUITE #800
MCLEAN, VIRGINIA 22102



101692670A

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REEL/FRAME: 011727/0805
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
YEN, SHU-YI

DOC DATE: 04/11/2001

ASSIGNOR:
SHEN, CHAN

DOC DATE: 12/29/2000

ASSIGNEE:
WINBOND ELECTRONICS CORP.
NO. 4, CREATION RD. III
SCIENCE-BASED INDUSTRIAL PARK
HSINCHU, TAIWAN 300

SERIAL NUMBER: 09838217
PATENT NUMBER:

FILING DATE: 04/20/2001
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

CS
07/13/01

Docket No.: 2433-09

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Expires 06/30/99
OMB 0651-0027

04-30-2001

U.S. Department of Commerce
Patent and Trademark Office
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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Effective Date

Month Day Year

April 11, 2001

Name (line 1) Shu-Yi YEN

Name (line 2)

09838217

Effective Date

Month Day Year

December 29, 2000

Second Party

Name (line 1) Chan SHEN

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Winbond Electronics Corp.

Name (line 2)

Address (line 1) No. 4, Creation Rd. III, Science-Based Industrial Park

Address (line 2)

Address (line 3) Hsinchu

Taiwan

300

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Donald R. Studebaker

Address (line 1) NIXON PEABODY LLP

Address (line 2) 8180 Greensboro Drive Suite #800

Address (line 3) McLean, Virginia 22102

Address (line 4) (703) 790-9110

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Page 2U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone Number

(703) 790-9110

Name Donald R. Studebaker

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Address (line 3) McLean, Virginia 22102

Address (line 4) (703) 790-9110

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Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Date Year

April 11, 2001

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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1

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Deposit Account

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19-2380 (2433-09)

Authorization to charge additional fees:

Yes ☒No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Donald R. Studebaker

Name of Person Signing

Signature

Date

4/19/01

NIXON PEABODY, LLP
United States Patent Rights

Attorney Docket No.: _____

ASSIGNMENT

WHEREAS, _____ (1) Yen, Shu-Yi , _____ (2) Shen, Chan _____

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

PHY SIGNAL CONTROL DEVICE AND METHOD FOR SELECTIVELY

GENERATING A SPECIFIC WARNING DATA

for which an application for Letters Patent of the United States of America was filed on _____, and assigned Serial No. _____, and;

WHEREAS, _____ Winbond Electronics Corp., _____ of

No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan 300

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the

NIXON PEABODY, LLP
United States Patent Rights

Attorney Docket No.: _____

ASSIGNMENT

WHEREAS, (1) Yen, Shu-Yi , (2) Shen, Chan

(hereinafter designated as the undersigned) has (have) invented certain new and useful
improvements in

PHY SIGNAL CONTROL DEVICE AND METHOD FOR SELECTIVELY

GENERATING A SPECIFIC WARNING DATA

for which an application for Letters Patent of the United States of America was filed on
, and assigned Serial No. , and;

WHEREAS, Winbond Electronics Corp., of

No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan 300

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is
desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the
undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and
valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these
presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said
invention in the United States of America and its territories and for all foreign countries,
dependencies and possessions and the entire right, title and interest in and to any and all Letters
Patent(s) which may be granted therefor in the United States of America and its territories,
dependencies and possessions, and in and to any and all divisions, reissues, continuations and
extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this
application and any continuing, divisional or reissue applications thereof and also to execute
separate assignments in connection with such applications as the Assignee may deem necessary
or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any
interference which may be declared concerning this application or any continuation, division or
reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the

Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.



The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>04/11/01</u> ,	Name of Inventor <u>Yen Shu Yi 顏亦宜</u>  (SEAL)
Date <u>12/24/00</u> ,	Name of Inventor <u>CHAN Shun 陳善</u>  (SEAL)
Date _____,	Name of Inventor _____ (SEAL)
Date _____,	Name of Inventor _____ (SEAL)
Date _____,	Name of Inventor _____ (SEAL)

FULL NAME OF SECOND JOINT INVENTOR (if any) Shen, Chan	INVENTOR'S SIGNATURE CHAN Shen 陳善	DATE 12/12/00
RESIDENCE (City, State & Country) Hsinchu, Taiwan	CITIZENSHIP Taiwan	
POST OFFICE ADDRESS (Complete Address including City, State & Country) c/o Winbond Electronics Corp., No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan 300		